

INTERNATIONAL SEARCH REPORT

International application No.

PCT/AU2005/000487

A. CLASSIFICATION OF SUBJECT MATTER

Int. Cl. ⁷: H04L 9/32, 9/30, 12/58, 12/66

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
DWPI, USPTO, INSPEC; Keywords: gateway, trusted, authorised, authentic, escrow, mail, message, key.

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X, Y	Herbert A, "End-to-End security over the internet: Deliverable D1 - Implementation Architecture", E2S Consortium, 21 November 1997, (posted on the Internet on 29 September 2000 according to Internet Archive's Wayback Machine) Retrieved 13 January 2005 from URL: http://www.ansa.co.uk/ANSATech/ANSAhtml/98-ansa/external/9801mbtb/9801e2sa.pdf See Sections 3 to 7 and in particular 7.1	1 to 66
Y	WO 2000/045539 A1 (GENERAL INSTRUMENT CORPORATION et al) 3 August 2000 See the entire document	1 to 66
A	Chihara et al, "PGP-Based security enhanced mail gateway (SEMAIL) with POP Authentication for large scale organizations" Conference on Communications, Computers and signal Processing, 2003. PACRIM. 2003 IEEE, Volume 2, 28-30 Aug. 2003 Page(s):696 - 699 See the entire document	1 to 66

☒ Further documents are listed in the continuation of Box C☒ See patent family annex

- * Special categories of cited documents:
- "A" document defining the general state of the art which is not considered to be of particular relevance
- "B" earlier application or patent but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed
- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
- "&" document member of the same patent family

Date of the actual completion of the international search
14 June 2005

Date of mailing of the international search report 17 JUN 2005

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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 2001/008377 A2 (NORTEL NETWORKS CORPORATION et al) 1 February 2001 See the entire document	1 to 66
A	US 5943426 A (FRITH et al) 24 August 1999 See the entire document	1 to 66
A	Patent Abstracts of Japan JP 11-196080 A (HITACHI INFORMATION SYSTEMS LTD) 21 July 1999 See the Abstract	1 to 66
<p>Note : For the Y indications WO 2000/045539 is combined with Herbert A, "End-to-End security over the internet: Deliverable D1 – Implementation Architecture".</p>		

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.
PCT/AU2005/000487

This Annex lists the known "A" publication level patent family members relating to the patent documents cited in the above-mentioned international search report. The Australian Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

Patent Document Cited in Search Report		Patent Family Member			
WO 0045539		AU 32186/00	AU 33520/00	AU 34750/00	
		AU 35841/00	AU 40792/00	AU 42136/00	
		AU 92955/01	CA 2359673	CA 2359685	
		CA 2360781	CA 2360785	CA 2365856	
		CA 2370471	CA 2421628	CN 1346563	
		CN 1347605	CN 1476709	EP 1151579	
		EP 1161806	EP 1163589	EP 1169833	
		EP 1171989	EP 1236303	EP 1320975	
		HK 1045917	MX PA01007563	US 6839841	
		US 6892308	US 2005027985	US 2005120248	
		WO 0045241	WO 0045273	WO 0045546	
		WO 0062507	WO 0062519	WO 0225899	
WO 0108377		AU 62233/00	CA 2343066	EP 1145521	
		US 6757823			
US 5943426		AU 70720/96	WO 9714236		
JP 11196080					
Due to data integration issues this family listing may not include 10 digit Australian applications filed since May 2001.					
END OF ANNEX					